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Inventor:

Applicant: STONE J & CO LTD; JOHN FURSE BANCROFT VIDAL

Classification:

- international: F04D29/04; F04D29/04;

- european: F04D29/04C2

Application number: GB19310004861 19310216

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### Abstract of GB373146

373,146. Rotary fans. STONE & CO., Ltd., J., Deptford, and VIDAL, J. F. B., 18, Brandram Road, Lee, both in London. Feb. 16, 1931, No. 4861. [Class 110 (i).] A complete unit comprising an electricallydriven spindle for a fan n and its motor is held in an annular mounting from which it can be withdrawn without disturbing any of the parts of the mounting. The fork c is fixed to a wall or a stand, and supports the fan mounting a by means of trunnions b. The end wall of the mounting a has a central hole surrounded by a rim d which carries bosses in which are fixed the inner ends of the fan guard supports f. A resilient seating ring h consisting of a spring ring having a thick rubber coating is sprung into position in the mounting a to engage the shoulder j<2> of the motor casing. A number of rubber studs or felt pads may be used instead of the ring h. The casing of the motor has a cylindrical extension j<1> which enters the central hole of the mounting a and is held by a flanged nut l screwed down on a washer m of fibre or rubber; this draws the shoulder j<2> firmly against the ring h. When the fan n is removed and the nut l unscrewed, the motor can be withdrawn. The ring h and washer m prevent any transmission of sound.

